

A quick guide to modern Chinese GOST filters

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- This guide would give you a light hindsight as to how to choose a good Chinese filter, although I have to admit that it is not perfect
- This is just a very simplified guide.
- All of these filters are GOST threaded unless mentioned otherwise.
- You can head to this link for oversimplification about modern industrial Chinese filters as a whole (due note that the research regarding this topic is still ongoing):

https://gasmaskandrespirator.fandom.com/wiki/Chinese_industrial_filters

Now, it is worth reminding ourselves that Chinese filters actually work, given that they are in pristine condition and not expired. Due to some (but not all) of the sellers sometimes being unscrupulous, some the filters that may arrive to you may be dented, expired, et cetera. This, however, at times can be avoided by simply having a look at the ratings of the seller/product. Buying the filters straight from the manufacturers or official middlemen would also help to mitigate such problems.

If you ever found a “refillable” filter like what is shown below, then you ought not to expect that it would work fine at all times.



The quality of the activated charcoal is sub-standard, and the design of the overall filter made it impossible for it to be plugged/capped when not in use, rendering it prone to expire earlier than it should. And even if these filters somehow do not prematurely expire, the level of protection offered by this kind of filters is only Level 1, making it essentially useless on most applications. Surely you could make this as a “practice filter” or just a light filter you’d use for wood works, but other than those aforementioned uses, it’s impractical.

Listed here are gas mask filter manufacturers/brands which are commonly found in the market, although other manufacturers/brands also exist:

1. Shanxi Xinhua Chemical Co.,Ltd. (Shanxi Xinhua), this company also makes masks for the PLA
2. Bang Gu / Banggu , most likely authorization making copies from Shanxi Xinhua to cope with demand
3. Cangzhou Haigu Safety Protection Technology Co., Ltd. (Haigu)
4. Tangfeng Industrial Protective Products Co., Ltd. (Tangfeng)
5. Jingzhou Strong Sciences & Technology Development Co., Ltd (Jingzhou Strong PPE) [also known as Jingzhou STRONG safety & technology Co. Ltd.], the brand is Strong
6. Tangshan Puda Protective Products Factory (Tangshan Puda/Puda)

Shanxi Xinhua filters are arguably great filters IF you could get them in-date and in good condition. If you see the logo below on a label of a filter, then you’ve already found a Shanxi Xinhua made filter.



That being said, if the filter that came with you actually came with your MF-11 / FMJ05 (set picture on next page), MF-22 / FMJ08, FMJ09, or FMJ10 set, then you shouldn’t worry about its usability



A way to obtain such filter is by buying it from the official Shanxi Xinhua Taobao store which can be accessed via this link

https://xinhuaagong.taobao.com/shop/view_shop.htm?spm=a21n57.1.0.0.2399523cS8fg8m&appUid=RAzN8HWWphER9PL85PYvAnPKXcAtBSreJ3koPsi6gJRqJdCguqX

Shanxi Xinhua also makes coffee can style filters.



Banggu / Bang Gu branded filters are also acceptable. They tend to come with a Banggu MF-11 set (pic below) although it can be bought separately as well.



There are also Banggu coffee can filters that you could get. They are often sold along with MF-1A, but once again, they can also be bought separately.



If the seller did mention the name of the filter such as Z-B-R2-V (CBRN rated) in their description, then the chances of it being usable is quite visible. The packaging may be sloppy, but it does have its quality assurance certificate with it, then you ought not to worry. Just make sure that the date of the manufacturer is visible. A filter may last 5/6 years from its manufactured date, or perhaps even more, but what's more important is that the filter is not tempered by dents, etc.

Example of a Z-B-R2-V can be seen on these next two pages.





As you can see there, this is the quality assurance certificate

However, if you see sellers like this, you may or may not want to gamble your money on the filter he's selling

The screenshot shows a mobile app interface for a product listing. At the top, there's a search bar with the text "smart watches" and a shopping cart icon with a red "2" badge. The main image shows a large black cylindrical gas filter with five red lines pointing to different gas masks: a black mask at the top left, a clear mask at the top center, a tan mask at the top right, a black mask at the bottom left, and a yellow/black mask at the bottom center. Text on the filter says "Can fit for most mask with same connection port". Below the image, the price is listed as "MYR67.66" in red, with "MYR123.01" crossed out and "-45%" next to it. Below the price is the text "Price shown before tax". There's a red button with a shopping cart icon and the text "Wholesale 3+ pieces, extra 4% off". Below that is a grey button with a truck icon and the text "Free shipping". The product title is "Alloy Level 2 Black 40MM Interface Organic Ammonia Acid Gas Filter Cartridge Replaced Filters Protect Safety For MF14 Mask". Below the title is a 5-star rating and the text "5.0 | 38 sold". At the bottom, there are icons for "Store" and "Message", and two large buttons: "Add to cart" and "Buy now".

← smart watches → 2

Can fit for most mask with same connection port

2/8 254

MYR67.66 MYR123.01 -45%
Price shown before tax

Wholesale 3+ pieces, extra 4% off

Free shipping

Alloy Level 2 Black 40MM Interface Organic Ammonia Acid Gas Filter Cartridge Replaced Filters Protect Safety For MF14 Mask

★★★★★ 5.0 | 38 sold

Store Message Add to cart Buy now

If you're lucky, you might would get filters like the one I showed earlier. If you're not so lucky, you might get rejected filters which would have affected filtering abilities. They would not have a quality assurance certificate at all. Example can be seen at the next page



If you see a seller like I mentioned there, either avoid the seller, or buy small amounts of filters from the seller and test them first. It's also worth saying that some of the black filters are STANAG threaded instead of GOST threaded, so always read the description. If the seller does not mention the type of threads, then most likely it is GOST threaded.

Moving on, most brands other than Shanxi Xinhua and Banggu would colour their filters according to the colour codes stated in the GB2890-2009. Or they could just put the colour

code on their labels only. The colour code can be seen mentioned here https://gasmaskandrespirator.fandom.com/wiki/Chinese_industrial_filters

Here's an example from Tangshan Puda



Here's another example from another manufacturer I forgot the name of

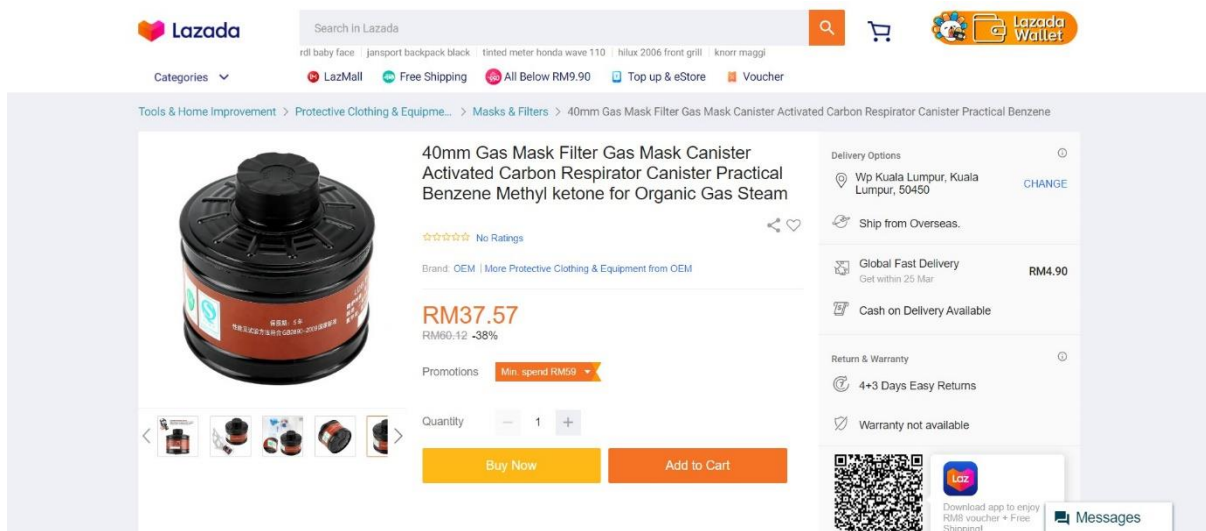


Here's mine. It's an A3P1 filter from Tangshan Puda. Still sealed in its plastic packaging.

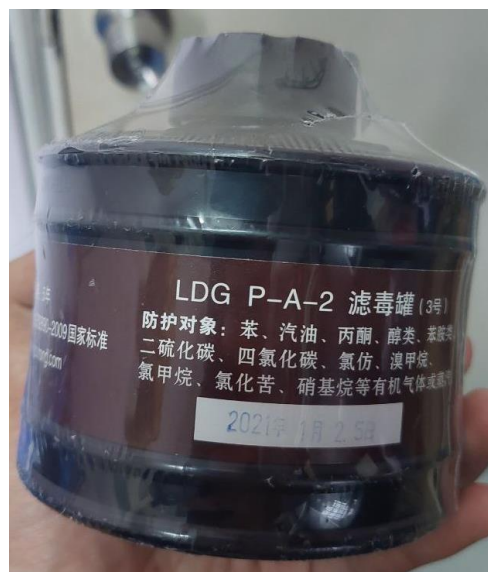


Filters with a plastic body are also trustable. Such brands that go through such route are Strong and Haigu

This example here is an A2P1 Strong filter sold under a generic description being sold in an e-commerce called Lazada



And here's mine





Here are the manual and the quality assurance certificate overlapping each other, of which a glimpse of them can be seen on the first picture



A picture from another seller showing the same filter model screwed into a GP-5 filter

Due note other Strong filters are also available as well. All Strong filters adhere to the GB2890-2009 standard

Haigu filters are also trustable as they also adhere to the GB2890-2009 standard. The filter below is an example of an ABEK2 P3 filter



Here's a Haigu A2P3 filter



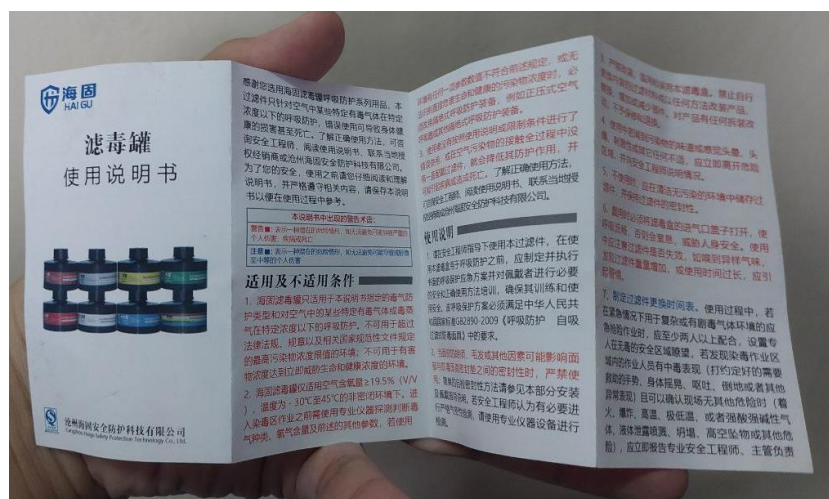
My Haigu A2P3 filter is shown in the next pages



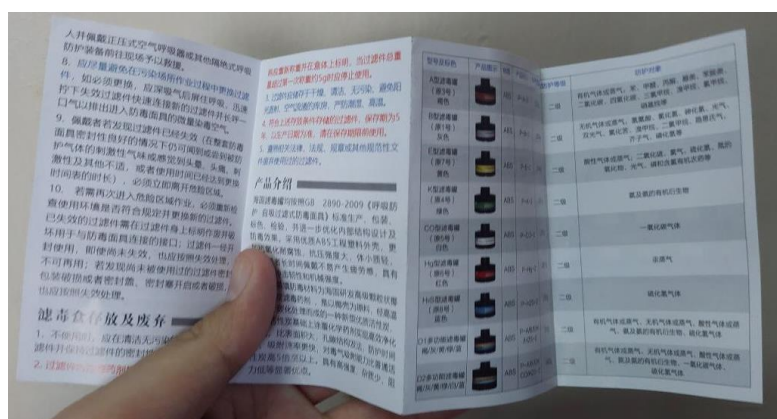
Picture above is the filter with its manual and quality assurance certificate







The pictures above and below is the manual that came with the filter



The picture below is the quality assurance certificate



You can browse Haigu filters here:

<http://www.haigusafety.com/product/>

Pretty much, buying a Chinese GOST filter is quite easy. Just be wary of unscrupulous sellers and you'll be fine.

Hype Militaria did a brief video regarding the filters as well:

<https://youtu.be/FIPDwbygu8E?si=vyNDKVcUw2pbv6DI>

I also did a brief video explaining a bit about Chinese coffee can filters:

https://youtu.be/FVH454em_ec?si=YSO4GC8igKUjTM-O

Just a reminder to everyone that “NORMALISED/STANDARDISED” THREADS DO NOT EXIST. IT IS JUST A MYTH

You can head to this link if you're still clueless regarding 40mm threads:

<https://sites.google.com/view/zimunknownswebsite/information-on-gas-mask-threads>

That's all from me. Have a nice day.